Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 02 Sep 2020 until 23:59 on Thursday 03 Sep 2020

Forecast Issued on Tuesday 01 Sep 2020 at 12:41

Confidence: High confidence in becoming drier and brighter for a time to end the working week, but lower for the weekend, with the Park on the boundary between more unsettled weather in northern UK and drier conditions further south.

Headline for Wednesday 02 Sep 2020: Brightest first thing, becoming wet and windy later.

Mountain weather hazards on Wednesday 02 Sep 2020

Blizzards Low Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Partly cloudy (night)	Sunny intervals	Cloudy	Cloudy	Light rain	Heavy Rain	Light rain
Precipitation probability							
00%	00%	00%	10%	20%	60%	60%	30%

Forecast for Wednesday 02 Sep 2020

Weather: Fine but chilly during the early hours, with a little mist perhaps forming in more sheltered valleys. Brightest first thing, with some limited hazy sunny intervals perhaps breaking through for a time, although cloud will soon thicken above the peaks. Cloud lowering further onto the slopes in the afternoon, culminating in spells of rain, perhaps punctuated by some heavier spells with a slight chance of hail and thunder. Becoming drier but remaining murky into the evening.

Chance of cloud free mountain/hill tops above 600m: 70% but falling to near-nil by afternoon as blanket cloud develops down to around 400 metres on windward ground.

Visibility: Initially good, but falling to moderate with the onset of rain. Relatively humid air should limit distant features' visibility prior to rain.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Wednesday 02 Sep 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/19 S	12/18 S	14/21 S	17/24 S	20/29 SW	20/29 SW	22/33 S	23/34 SW	23/34 SW
300	9/16 S	9/13 S	9/16 S	13/20 S	16/25 S	15/24 S	16/26 S	16/27 S	18/29 SW
Valley	5/14 SE	4/13 S	5/15 S	10/20 S	13/25 S	11/24 S	10/25 S	11/26 S	12/27 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/8	10/8	12/8	13/10	13/9	12/8	12/8	13/9
300	13/11	12/11	12/10	14/11	16/13	15/13	14/11	14/11	14/12
Valley	13/12	12/11	12/11	15/13	17/14	16/14	14/12	14/13	15/13
Freezing Level*	2400m	2500m	2500m	3000m	3600m	3800m	3500m	3700m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds may approach gale as visibility drops in rain later in the day. Navigation will become significantly more difficult and windchill will be more marked.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 01 Sep 2020	0mm	0mm	0.6mm

Forecast for Thursday 03 Sep 2020

Weather: Some further spells of heavy rain likely overnight, but daybreak should reveal a damp, cloudy and windy start. Drier and brighter weather should soon arrive from the northwest however, with some warm sunny spells and perhaps the odd fleeting light shower then seeing out the day. Remaining breezy throughout.

Maximum wind: Southwesterly 45mph.

Chance of cloud free mountain/hill tops above 600m: Near-nil, increasing to 90% during the morning, with cloud soon rising clear of the slopes from initially being blanket down to 400 metres.

Visibility: Moderate improving to very good during the morning.

Temperature: **Valleys:** Plus 12 becoming plus 17 Celsius.
At 600m: Plus 11 Celsius.
Freezing level: Well above the peaks.

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